

ky=-0.301,ind=36,f1=0.357kHz,f2=9.701kHz,LfE=2,HfE=2

$T_1=2804.64\mu\text{s}$, $T_2=103.08\mu\text{s}$
 $f_1 = 0.36\text{kHz} * (1 \pm 2.010e-01)$, $f_2 = 9.70\text{kHz} * (1 \pm 7.526e-02)$
 $\tau_1=1219.28\mu\text{s} * (1 \pm 3.740e-01)$, $\tau_2=108.75\mu\text{s} * (1 \pm 1.868e-01)$
 $a_1=0.05 * (1 \pm 4.532e-01)$, $a_2=0.08 * (1 \pm 2.212e-01)$
 $s_0=0.44 * (1 \pm 1.437e-02)$, $t_0=49.20 * (1 \pm 2.141e-01)$, $a_0=0.23 * (1 \pm 9.966e-02)$
 $\varphi_1=-0.50\pi * (1 \pm 1.304e-01)$, $\varphi_2=-0.27\pi * (1 \pm 3.211e-01)$

s

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2

0 250 500 750 1000 1250 1500 1750 2000

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

